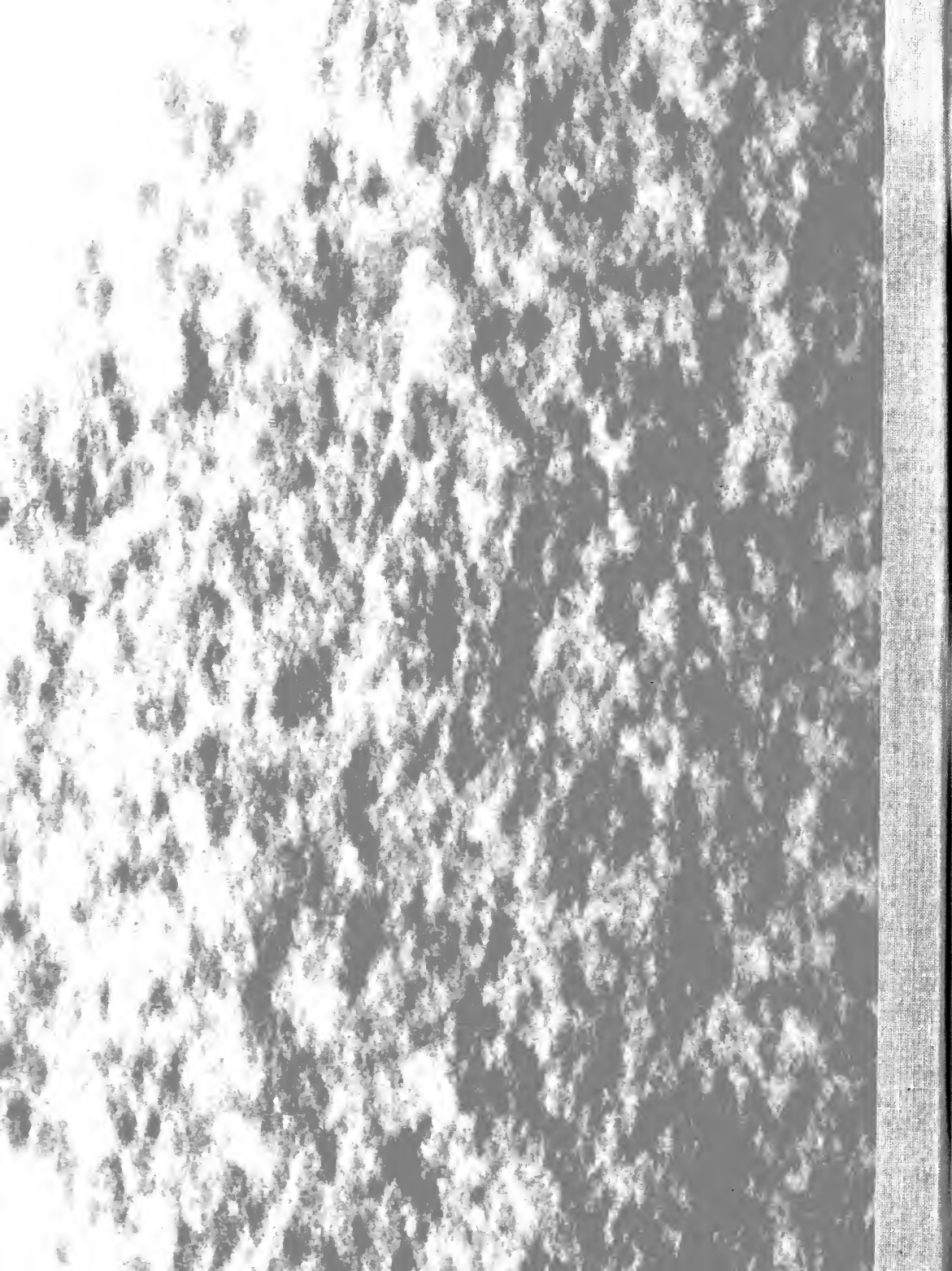


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# **1977 PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS**

plots were located on a Cisne silt loam, a poorly drained gray prairie soil with a well-developed claypan. The natural fertility of this soil is not high, but good fertilization practices and crop rotations have brought the yield potential of the field to a moderately high level. The 1977 growing season was good. This test was planted May 25 and harvested November 11.

**Belleville.** This test was located on the Southern Illinois University Research Center at Belleville in St. Clair County. George Kapusta and Chuck Stricker were the cooperating agronomists. The trial was located on an Ebberst silt loam soil. The 1977 growing season was generally good for soybeans. This test was planted May 26 and harvested according to variety maturity on September 20 and 29, and November 9.

**Carbondale.** This test was located on the campus farm of Southern Illinois University at Carbondale in

Jackson County. George Kapusta and Jim Hubbard were the cooperating agronomists. The test plots were located on a Weir silt loam soil, and were in beans in 1975 and 1976. The 1977 growing season was dry. This trial was planted May 26 and harvested on November 8.

**Dixon Springs.** This test was located on the University of Illinois Research Center at Dixon Springs in Pope County. George McKibben was the cooperating agronomist. The test plots were located on a Sharon silt loam—a light-colored, moderately well-drained, medium-textured, bottomland soil.

Although the 1977 growing season was very favorable for crop growth, lodging and poor seed quality were problems in many varieties. Some varieties (as noted in results) showed substantial shattering at the time of harvest. This test was planted May 26 and harvested on November 3 and 4.

### Sources of Seed

Ag Seeds, Inc., P.O. Box 316, Carthage, IL 62321  
 Americana Seeds, Inc., R.R. 1, Clinton, WI 53525  
 The Andersons, P.O. Box 119, Maumee, OH 43537  
 Asgrow Seed Company, P.O. Box 1059, Des Moines, IA 50053  
 Louis Bellatti, R.R. 2, Mt. Pulaski, IL 62548  
 Bergmann Taylor Seeds, Inc., St. Jacob, IL 62281  
 Farmers Forage Research Cooperative, 4112 E. State Road 225, W. Lafayette, IN 47906  
 Ferry-Morse Seed Company, 600 E. Exchange St., Geneseo, IL 61254  
 FS Services, Inc., 1701 Towanda Ave., Bloomington, IL 61701  
 Funk Seeds International, Inc., 1300 W. Washington Street, Bloomington, IL 61701  
 Fred Gutwein & Sons, Inc., Box 40, Francesville, IN 47946  
 Hoblit Seed Company, Atlanta, IL 61723  
 Kruger Seed Co., R.R. 4, Cedar Falls, IA 50613  
 Landers Seed Company, Inc., P.O. Box 120, Sullivan, IL 61951  
 Lewis Seeds, Inc., P.O. Box 36, Ursa, IL 62376  
 Lynnville Seed Company (Riverside Varieties), Lynnville, IA 50153  
 McAllister Seed, P.O. Box 28, Mt. Pleasant, IA 52641

McCurdy Seed Company, Fremont, IA 52561  
 Mora-Soy Seeds, Dale Ewing, Jewell, IA 50130  
 North American Plant Breeders, R.R. 3, Ames, IA 50010  
 Northrup, King and Company, P.O. Box 49, Washington, IA 52353  
 Peterson Soybean Seed Division, Pioneer Hi-Bred International, Inc., P.O. Box 3146, Champaign, IL 61820  
 Pfizer Genetics, Box 99, Beaman, IA 50609  
 Pride Company, Inc., Glen Haven, WI 53801  
 Ring Around Products, Inc., P.O. Box 1629, Plainview, TX 79072  
 J.M. Schultz Seed Company, Dieterich, IL 62424  
 SeedKem, Inc., P.O. Box 3128, 526 N.W. 4th St., Evansville, IN 47701  
 Seedmakers, Inc., Princeville, IL 61559  
 Soybean Research Foundation, Inc., P.O. Box 72, Mason City, IL 62664  
 Stewart Hybrids, Inc., R.R. 1, Princeville, IL 61559  
 V.R. Seeds, Inc., Box M, Plymouth, IN 46563  
 Voris Seeds, Inc., Box 457, Windfall, IN 46076

## Seed Germinations

Company source	Brand (X), Variety (V), or Blend (B)	May, 1977 greenhouse germination (pct.)	May, 1977 field germination (pct.)	Company source	Brand (X), Variety (V), or Blend (B)	May, 1977 greenhouse germination (pct.)	May, 1977 field germination (pct.)
Ag Seeds	B7250 (B)	97	24	NAPB Agripro	W41 (B)	97	35
Ag Seeds	B7460 (B)	94	35	NAPB Agripro	W42 (B)	97	35
Americana	207 (V)	96	41	NAPB Agripro	W43 (B)	97	35
Americana	210 (V)	97	72	NAPB Agripro	W44 (B)	97	35
Americana	233 (V)	97	52	NAPB Agripro	W45 (B)	97	35
Americana	230 (V)	94	32	NAPB Agripro	W46 (B)	97	35
Americana	233 (V)	88	68	NAPB Agripro	W47 (B)	97	35
Americana	265 (V)	94	70	Northrup King	W48 (B)	97	35
Americana	711 (V)	90	67	Northrup King	W49 (B)	97	35
Americana	352 (V)	95	72	Northrup King	W50 (B)	97	35
Americana	XK311 (V)	92	40	Northrup King	W51 (B)	97	35
Americana	XK333 (V)	38	20	Northrup King	W52 (B)	97	35
Americana	XK351 (V)	92	68	Northrup King	W53 (B)	97	35
Americana	XK440 (V)	100	57	Northrup King	W54 (B)	97	35
Americana	XK505 (V)	100	72	Northrup King	W55 (B)	97	35
Americana	XK585 (V)	94	55	Peterson	W56 (B)	97	35
Americana	XR70 (B)	94	49	Peterson	W57 (B)	97	35
Americana	XR244 (B)	88	47	Peterson	W58 (B)	97	35
Anderson	AFS200 (V)	100	44	Peterson	W59 (B)	97	35
Anderson	AFS300 (V)	100	60	Peterson	W60 (B)	97	35
Asgrow	A1564 (V)	100	44	Peterson	W61 (B)	97	35
Asgrow	A2440 (V)	96	44	Peterson	W62 (B)	97	35
Asgrow	A2575 (V)	96	76	Peterson	W63 (B)	97	35
Asgrow	A2556 (V)	92	83	Peterson	W64 (B)	97	35
Asgrow	A2770 (V)	94	85	Pfizer	W65 (B)	97	35
Asgrow	A3440 (B)	90	67	Pfizer	W66 (B)	97	35
Asgrow	A3585 (V)	100	81	Pfizer	W67 (B)	97	35
Asgrow	XP3127 (V)	100	85	Pfizer	W68 (B)	97	35
Asgrow	XP3247 (V)	100	85	Pfizer	W69 (B)	97	35
Asgrow	XP3855 (V)	100	80	Pfizer	W70 (B)	97	35
Asgrow	XP4136 (V)	94	75	Pfizer	W71 (B)	97	35
Asgrow	XP4268 (V)	100	85	Pfizer	W72 (B)	97	35
Bellatti	04 (V)	98	45	Pfizer	W73 (B)	97	35
Bellatti	09 (V)	98	63	Pfizer	W74 (B)	97	35
Bellatti	B1 (V)	98	73	Pfizer	W75 (B)	97	35
Bellatti	DL (V)	96	68	Pfizer	W76 (B)	97	35
Bellatti	D2 (V)	100	55	Pfizer	W77 (B)	97	35
Bellatti	L26-Exp. (V)	98	65	Pfizer	W78 (B)	97	35
Bellatti	L263 (V)	100	34	Pfizer	W79 (B)	97	35
Bellatti Seedmaker	1E (V)	94	48	Pfizer	W80 (B)	97	35
Bergman Taylor BTMP	33 (V)	92	34	Pride	W81 (B)	97	35
FFR	111 (V)	96	49	Pride	W82 (B)	97	35
FFR	223 (V)	96	76	Pride	W83 (B)	97	35
FFR	224 (V)	90	72	Pride	W84 (B)	97	35
FFR	336 (V)	98	60	Pride	W85 (B)	97	35
FFR	444 (V)	100	41	Pride	W86 (B)	97	35
FFR	556 (V)	98	68	Pride	W87 (B)	97	35
FFR	2189 (V)	94	68	Pride	W88 (B)	97	35
FFR	4702 (V)	100	77	Pride	W89 (B)	97	35
FS Hiscy	215 (B)	96	58	Riverside	W90 (B)	97	35
FS Hiscy	225 (B)	94	50	Schultz	W91 (B)	97	35
FS Hiscy	295 (B)	100	54	Schultz	W92 (B)	97	35
FS Hiscy	330 (B)	100	62	Schultz	W93 (B)	97	35
FS Hiscy	340 (B)	94	53	Schultz	W94 (B)	97	35
Ferry-Morse Goldtag	1220 (V)	91	65	Schultz	W95 (B)	97	35
Ferry-Morse Goldtag	1250 (V)	86	73	Schultz	W96 (B)	97	35
Ferry-Morse Goldtag	1276 (V)	100	50	Schultz	W97 (B)	97	35
Ferry-Morse Goldtag	1310 (V)	90	75	Schultz	W98 (B)	97	35
Ferry-Morse Goldtag	1330 (V)	92	84	Schultz	W99 (B)	97	35
Ferry-Morse Goldtag	1410 (V)	92	100	Schultz	W100 (B)	97	35
Ferry-Morse Goldtag	1420 (V)	90	76	Schultz	W101 (B)	97	35
Ferry-Morse McKay	1100 (V)	96	70	Schultz	W102 (B)	97	35
Funk	12003 (V)	100	84	Schultz	W103 (B)	97	35
Funk	63122 (V)	88	84	Schultz	W104 (B)	97	35
Outwein	210 (V)	94	91	Schultz	W105 (B)	97	35
Outwein	220 (V)	94	75	Schultz	W106 (B)	97	35
Outwein	330 (V)	98	85	Schultz	W107 (B)	97	35
Outwein	360 (V)	96	87	Schultz	W108 (B)	97	35
Hoblit	2-5 (B)	94	78	Schultz	W109 (B)	97	35
Hoblit	2-5 (V)	92	43	Schultz	W110 (B)	97	35
Kruger	DS333A (XB)	100	74	Schultz	W111 (B)	97	35
Kruger	DS333B (XB)	98	66	Schultz	W112 (B)	97	35
Kruger	DS707A (XB)	100	69	Schultz	W113 (B)	97	35
Kruger	DS737 (XB)	98	66	Schultz	W114 (B)	97	35
Kruger	DS747A (XB)	98	73	Schultz	W115 (B)	97	35
Kruger	DS808E (XB)	96	74	Schultz	W116 (B)	97	35
Kruger	DS850 (XB)	100	54	Schultz	W117 (B)	97	35
Kruger	DS850 (XB)	86	60	Schultz	W118 (B)	97	35
Kruger	K-464A (XV)	98	74	Schultz	W119 (B)	97	35
Kruger	K1005 (XV)	96	43	Schultz	W120 (B)	97	35
Kruger	K-2010 (XV)	98	70	Schultz	W121 (B)	97	35
Kruger	K-3015 (XV)	94	70	Schultz	W122 (B)	97	35
Landers	3510R (B)	98	51	Schultz	W123 (B)	97	35
Landers	Exp. 77-6102 (B)	94	74	Schultz	W124 (B)	97	35
Landers	Exp. 77-6303 (B)	92	69	Schultz	W125 (B)	97	35
Landers	Exp. 77-6315 (B)	96	77	Schultz	W126 (B)	97	35
Landers	Exp. 77-6503 (B)	96	67	Schultz	W127 (B)	97	35
Landers	Exp. 77-6712 (B)	94	81	Schultz	W128 (B)	97	35
Lewis	7B (V)	94	69	Schultz	W129 (B)	97	35
Lewis	9B (V)	94	62	Schultz	W130 (B)	97	35
Lewis	21 (V)	92	69	Schultz	W131 (B)	97	35
Lewis	31 (V)	80	57	Schultz	W132 (B)	97	35
Lewis	32 (V)	92	67	Schultz	W133 (B)	97	35
Lewis	41 (V)	92	67	Schultz	W134 (B)	97	35
Lewis	42 (V)	90	81	Schultz	W135 (B)	97	35
McAllister Masco	442 (B)	74	80	Schultz	W136 (B)	97	35
McAllister Masco	13076 (B)	84	81	Schultz	W137 (B)	97	35
McAllister Masco	4444A (B)	84	56	Schultz	W138 (B)	97	35
McAllister Masco	4477 (B)	82	60	Schultz	W139 (B)	97	35
McCurdy	101+ (XB)	68	66	Schultz	W140 (B)	97	35
McCurdy	101 (XB)	76	76	Schultz	W141 (B)	97	35
McCurdy	104 (XB)	90	61	Schultz	W142 (B)	97	35
McCurdy	105 (XB)	88	74	Schultz	W143 (B)	97	35
McCurdy	107+ (XB)	84	44	Schultz	W144 (B)	97	35
McCurdy	10700A (XB)	92	48	Schultz	W145 (B)	97	35
Mora-Soy	65 (XB)	92	68	Schultz	W146 (B)	97	35
Mora-Soy	66 (XB)	94	68	Schultz	W147 (B)	97	35
Mora-Soy	72 (XB)	98	51	Schultz	W148 (B)	97	35
Mora-Soy	88 (XB)	92	74	Schultz	W149 (B)	97	35
Mora-Soy	98 (XB)	92	74	Schultz	W150 (B)	97	35
Mora-Soy	98R (XB)	91	74	Schultz	W151 (B)	97	35
NAPB Agripro	14 (B)	90	74	Schultz	W152 (B)	97	35
NAPB Agripro	18 (B)	92	74	Schultz	W153 (B)	97	35

NOTE: In above table "Super-Soy" should read "Stewart Supersoy."

# DeKalb Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP I										
Asgrow A1564	51.2	3.5	9/15	42	35.0	1.2	34			
FFR 111	48.9	3.9	9/24	45	29.8	1.4	36	52.2	3.0	42
Funk G-NAIRN	42.2	2.1	9/10	44						
Hark	50.6	1.1	9/24	43	36.7	1.3	36	48.1	1.2	46
Pfizer CX114	53.0	2.3	9/26	45	36.0	1.1	31	45.2	1.6	36
Pfizer CX175	56.3	1.4	10/1	45						
Seedmaker 3-A	48.8	3.4	9/25	49	39.8	1.4	38			
Mean	50.1	2.5		44	32.9	1.2	33	47.5	2.0	37
L.S.D. 10	3.3									
L.S.D. 30	2.0									
C.V.	5.3									
MATURITY GROUP II										
Americana A207	52.8	1.2	9/27	43						
Americana A210	57.8	2.5	9/29	45						
Americana A230	57.1	1.2	10/8	48						
Americana XK505	56.9	1.3	9/30	45	41.8	1.0	39	47.2	1.2	40
Americana XR244	56.2	3.8	9/29	46						
Amsoy 71	58.6	1.4	10/2	49	39.0	1.1	36	45.4	3.0	34
Asgrow A2440	57.1	3.9	9/30	46	43.0	1.0	38	49.6	2.2	34
Asgrow A2575	58.1	1.3	9/27	46						
Asgrow A2656	59.3	3.0	9/28	49	47.5	1.1	38	48.7	1.3	40
Beeson	56.5	2.6	10/1	47						
Corsoy	55.9	4.1	10/1	46	41.2	1.3	35	51.4	4.0	38
FFR 223	52.6	3.8	9/26	47	35.1	1.4	38			
FFR 224	51.9	3.7	10/3	41						
FFR 2189	51.4	1.8	(a)	45						
FS HISOY 215	53.2	2.6	9/30	48	42.5	1.3	37			
FS HISOY 225	59.0	1.3	9/30	47	41.5	1.4	36	45.8	3.0	36
Ferry-Morse Gold Tag 1220	55.5	1.1	9/26	45						
Ferry-Morse Gold Tag 1250	60.7	1.4	10/2	44						
Ferry-Morse McKoy 1100	52.3	2.0	9/30	46	38.0	1.1	38	51.1	3.0	40
Gutwein 210	58.4	2.6	10/4	47						
Gutwein 220	54.9	1.6	10/3	46	43.0	1.1	34			
Harcor	58.8	3.9	10/3	47						
Kruger Desoy 333A	59.7	4.0	9/30	46	37.8	1.2	35			
Kruger Desoy 333R	58.2	3.8	10/1	41						
Kruger Desoy 707A	57.5	2.0	9/30	46	40.4	1.0	32			
Kruger Desoy 737	57.2	1.2	10/3	44						
Kruger K-464A	56.2	2.0	9/26	45						
Kruger K-1005	54.7	1.1	9/27	46						
Landers Exp. 77-6102	60.5	2.6	9/31	45						
Landers Exp. 77-6303	56.6	4.5	9/26	43						
Landers Exp. 77-6503	57.9	2.4	9/31	45						
McCurdy 101+	54.7	2.2	9/30	46	38.7	1.0	38	48.0	1.3	38
McCurdy 102	55.5	1.6	9/28	44	36.0	1.0	36			
Mora-Soy 55	56.1	2.5	10/3	48						
Mora-Soy 88	55.0	1.8	10/1	44						
N.A.P.B. Agripro 14	53.6	2.8	9/20	41						
N.A.P.B. Agripro 18	54.8	3.3	9/28	42	37.3	1.0	36	48.5	1.1	40
N.A.P.B. Agripro 20	58.7	1.2	9/27	47	39.3	1.1	33			
Northrup-King S1578	56.3	2.8	9/29	43						
Northrup-King MV51	52.8	3.2	10/2	48	41.4	1.0	38	52.4	1.3	42
Northrup-King MV61	57.1	2.3	10/3	45	38.5	1.2	34			
Northrup-King S1474	59.6	4.8	10/4	44	39.4	1.2	35	47.6	3.5	40
Northrup-King S1492	61.6	1.3	9/30	43	41.9	1.1	34	55.2	1.1	30
Peterson 105-P	56.3	3.7	9/30	48	38.1	1.1	39	46.8	1.9	38
Peterson 3100	56.4	2.0	9/29	47	37.2	1.0	32	46.8	2.4	36
Peterson 3105	57.7	1.8	(a)	47	34.4	1.2	36	54.9	2.5	41
Peterson P2477	56.5	2.5	9/31	45						
Peterson P2877	56.5	2.1	10/4	46						
Pfizer 2ER-75	56.6	2.5	9/30	48	42.1	1.0	36	46.7	2.6	38
Pfizer 2L-76	57.6	1.3	10/3	46						
Pfizer CX215	57.9	2.3	10/6	46						
Pfizer CX276	55.3	2.7	9/31	45						
Pfizer CX285	53.7	1.7	10/5	44						

(a) Killed by frost.



## DeKalb Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)
Pfizer CX290 .....	56.7	1.2	10/3	43	38.3	1.0	45	
Pfizer E94-7 .....	55.4	1.4	10/2	45				
Pride B-216 .....	63.7	2.0	9/28	44	40.5	1.2	44	56.1
Pride PK205 .....	58.4	1.2	10/1	48				
Schultz Navahoe .....	54.0	1.4	9/26	43				
Schultz Shawnee .....	57.9	1.3	10/5	45	39.3	1.1	33	
Seedkem SKB250 .....	58.6	1.2	9/27	45				
Seedmaker 5-C .....	56.4	3.0	10/9	46	41.0	1.4	38	54.6
Seedmaker 6-C .....	50.1	1.6	9/27	48				
Seedmaker 27091K .....	53.1	1.2	9/29	50				
Seedmaker 27421I .....	55.2	4.6	9/22	46				
SRF 72-3176 .....	52.6	1.7	10/9	49				
Stewart Supersoy 440 .....	58.8	1.8	10/1	43				
Stewart Supersoy 450 .....	55.1	4.0	10/5	46				
Voris B200 .....	56.9	1.8	9/28	46	43.3	1.0	32	51.4
Voris-Soy 245 .....	56.7	4.2	9/31	46	39.2	1.0	37	58.1
Wells .....	54.6	1.1	9/25	45	40.1	1.0	35	46.1
Mean .....	56.4	2.2		45	38.5	1.1	36	47.5
L.S.D. 10 .....	3.5							2.0
L.S.D. 30 .....	2.2							
C.V. ....	5.3							

## MATURITY GROUP III

Americana XK585 .....	59.0	2.6	(a)	45	36.0	1.2	40		
Elf .....	51.8	1.1	(a)	37					
L-21 .....	52.1	2.8	(a)	46					
Pride PK305 .....	55.6	1.5	10/2	41					
Seedkem SKB310 .....	59.6	1.3	(a)	44					
SRF 72-3299 .....	57.4	1.3	(a)	44					
Williams .....	50.2	1.1	(a)	44	29.2	1.2	40	52.1	1.1
Woodworth .....	55.7	1.2	(a)	42	31.8	1.3	36	51.5	1.5
Mean .....	55.2	1.6		43	36.8	1.1	37	47.5	2.0
L.S.D. 10 .....	2.1								
L.S.D. 30 .....	1.3								
C.V. ....	3.1								

(a) Killed by frost.

## Elwood Soybean Variety Trial Results

Brand and entry	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Brand and entry	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)
MATURITY GROUP I					MATURITY GROUP III				
Hark .....	40.0	1.2	9/24	40	Elf .....	49.0	1.1	(a)	27
MATURITY GROUP II					Iowa A74-303012 .....	38.9	1.7	10/2	41
Amsoy '71 .....	39.5	1.7	9/28	46	Iowa A74-303013 .....	42.5	1.6	10/8	42
Beeson .....	39.2	1.4	9/27	43	L-21 .....	43.4	2.2	10/10	48
Corsoy .....	36.5	2.3	9/27	42	Wayne .....	36.3	1.5	10/6	45
Harcor .....	38.3	2.5	9/27	46	Williams .....	41.1	1.4	10/8	45
Wells .....	44.9	1.1	9/25	42	Woodworth .....	40.0	2.0	10/8	44
					Grand mean .....	40.1	1.6		43
					L.S.D. 10 .....	3.2			
					L.S.D. 30 .....	2.0			
					C.V. ....	6.5			

(a) Killed by frost.

# Macomb-Carthage Soybean Variety Trial Results

Variety	1977 results				1976 results		
	Yield (bu.)	Lodging score	Maturity date (a)	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
MATURITY GROUP I							
Pfizer CX114	42.5	3.1	...	32			
Pfizer CX175	37.4	4.0	...	31			
MATURITY GROUP II							
Ac-Seeds B7250	52.4	1.5	...	42	43.5	2.3	39
Americana XK505	48.2	3.5	...	35	41.5	1.2	40
Amsoy '71	49.7	1.6	...	38	47.2	1.2	42
Anderson APS200	45.8	2.1	...	35			
Asgrow A2440	43.8	3.8	...	34			
Asgrow A2575	50.2	1.2	...	34			
Asgrow A2656	45.4	3.2	...	34	41.2	1.1	37
Beeson	49.3	1.4	...	36	49.4	1.2	36
FFR 223	43.3	3.7	...	34	42.1	1.8	40
FFR 224	49.4	2.7	...	30			
F.S. HiSoy 225	42.6	2.7	...	35	47.6	1.9	41
F.S. HiSoy 295	47.5	1.8	...	40	45.9	1.9	40
Ferry-Morse Gold Tag 1250	54.9	1.3	...	34			
Ferry-Morse Gold Tag 1270	54.2	1.1	...	38			
Ferry-Morse McKay 1100	49.3	1.8	...	35	45.5	1.2	43
Harcor	45.9	2.3	...	36			
Hoblitt 2-4	48.4	1.3	...	42	45.7	1.5	38
Hoblitt 2-5	51.2	3.0	...	41			
Kruger DeSoy 737	48.8	1.6	...	38			
Kruger DeSoy 747A	41.9	3.0	...	36	47.1	1.1	39
Kruger K-464A	51.1	4.2	...	36			
Kruger K-2010	49.9	1.2	...	38			
Kruger K-3015	54.4	1.2	...	38			
Lewis 21	50.4	1.9	...	37	47.1	2.2	38
McCurdy 101+	41.0	4.0	...	35	43.3	1.9	40
Mora-Soy 66	46.5	1.7	...	33			
Mora-Soy 77	46.1	3.7	...	37			
N.A.P.B. Agripro 20	51.7	1.1	...	36	39.9	1.2	36
Northrup-King HV61	49.5	2.3	...	35			
Northrup-King S1492	53.1	2.0	...	32			
Northrup-King S1578	47.5	4.0	...	34			
Peterson P2477	42.9	1.7	...	35			
Peterson P2877	43.4	3.0	...	34			
Pfizer 2ER-75	42.1	3.6	...	35			
Pfizer 2L-76	47.3	2.3	...	37			
Pfizer CX215	52.1	1.5	...	39			
Pfizer CX276	48.2	2.1	...	41			
Pfizer CX285	49.7	1.3	...	40			
Pfizer CX290	56.4	1.2	...	39			
Pfizer E94-7	43.9	3.2	...	36			
Seedmakers 5-C	43.4	3.9	...	32	45.7	1.7	39
Seedmakers 6-C	46.6	1.7	...	41			
SRF 72-3176	51.0	3.7	...	40			
Wells	47.2	1.3	...	34	43.8	1.0	39
Mean (Groups I and II)	47.8	2.4		36	43.7	1.6	39
L.S.D. 10 (Groups I and II)	6.2						
L.S.D. 30 (Groups I and II)	3.9						
C.V. (Groups I and II)	9.6						
MATURITY GROUP III							
Americana A265	46.5	1.8	...	39			
Americana A271	54.7	2.6	...	44			
Americana A352	55.7	1.4	...	35	51.4	1.2	39
Americana XK333	46.0	1.8	...	49			
Americana XK585	50.2	1.3	...	39	45.3	1.3	41
Anderson APS300	51.1	1.3	...	41			
Asgrow A3440	52.3	3.2	...	43	43.6	1.1	41
Asgrow A3585	54.4	1.4	...	38			
Bellatti B-1 Exp.	45.3	1.3	...	46			
Bellatti Seedmaker 1-E	50.2	3.2	...	41			

(a) Maturity data not available.

# Macomb-Carthage Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date (a)	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
FFR 336 .....	43.8	2.1	...	30						
FS HiSOY 330 .....	50.1	1.6	...	40	43.7	...				
FS HiSOY 340 .....	50.5	1.4	...	40	46.7	...				
Ferry-Morse Gold Tag 1310 .....	53.6	1.5	...	39						
Ferry-Morse Gold Tag 1330 .....	52.6	3.1	...	45						
Funks G-3340 .....	55.4	1.9	...	36						
Kruger DeSoy 850 .....	54.0	1.4	...	39	49.7	1.2				
Kruger DeSoy 950 .....	49.7	1.4	...	40						
Lewis 31 .....	54.2	1.4	...	50	49.0	2.0				
Lewis 32 .....	53.6	1.3	...	42						
McAllister Masco-422 .....	52.2	1.2	...	41	49.6	1.2				
McAllister Masco-1976 .....	50.1	1.4	...	40						
McAllister Masco-4444 .....	53.3	1.3	...	41						
McAllister Masco-SD77 .....	44.6	1.2	...	26						
McCurdy 109+ .....	51.4	1.4	...	42	44.6	1.3				41
Mora-Soy 98 .....	52.3	1.3	...	41						
N.A.P.B. Agripro 25 .....	48.8	1.3	...	37	40.0	1.3				40
N.A.P.B. Agripro 27 .....	52.1	1.4	...	39	40.0	1.8				38
N.A.P.B. Agripro 35 .....	48.8	1.5	...	42	43.3	1.4				42
N.A.P.B. Agripro 36 .....	50.7	1.3	...	42						
Northrup-King MV72 .....	51.8	1.4	...	40	48.7	1.2				39
Peterson 2120-T .....	50.4	1.3	...	42	44.9	2.3				41
Peterson 3125 .....	52.6	1.4	...	45	46.3	3.1				42
Peterson P3377 .....	44.9	2.0	...	40						
Pride PK305 .....	46.0	2.0	...	36						
Riverside 74-123 .....	45.9	2.2	...	42						
Seedkem SKB310 .....	51.8	1.4	...	35						
Seedmakers 5-E .....	50.3	1.3	...	43	43.8	1.1				36
Seedmakers 6-E .....	47.8	2.8	...	41						
Seedmakers 7-E .....	51.7	1.2	...	45						
SRP 72-3299 .....	52.2	1.4	...	39						
Williams .....	49.6	1.2	...	41	46.6	1.6				42
Woodworth .....	52.8	1.2	...	40	45.5	1.7				41
MATURITY GROUP IV										
Ag-Seeds B7460 .....	50.2	1.2	...	50	53.9	2.0				48
L-21 .....	50.7	2.1	...	45						
Lewis 7B .....	57.2	1.4	...	44						
Lewis 41 .....	47.7	2.4	...	41	47.0	1.3				48
Lewis 42 .....	45.7	3.2	...	43						
Pride PK405 .....	48.0	1.8	...	40						
Means (Groups III and IV) .....	50.5	1.7		41	45.8	1.7				41
L.S.D. 10 (Groups III and IV) .....	6.5									
L.S.D. 30 (Groups III and IV) .....	4.1									
C.V. (Groups III and IV) .....	9.6									

(a) Maturity data not available.

## Urbana Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score	Height (in.)	Yield (bu.)	Lodging score	Height (in.)
MATURITY GROUP I										
Pfizer CX114 .....	65.0	2.7	9/18	44						
Pfizer CX175 .....	60.4	3.3	9/21	44						
MATURITY GROUP II										
Ag-Seeds B7250 .....	64.4	1.7	9/24	54						
Americana A223 .....	64.8	1.0	9/22	37						
Americana A233 .....	63.9	1.7	9/22	47						
Americana XR505 .....	58.8	2.9	9/23	45	46.7	1.3	44	53.1	1.7	38

# Urbana Soybean Variety Trial Results (continued)

Soybean entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Amesoy '71	68.1	3.4	9/21	48	43.7	1.7	44	53.5	2.0	43
Andersons APS200	62.3	1.2	9/22	45	53.0	1.7	42			
Asgrow A2575	63.1	1.1	9/19	43						
Asgrow A2656	63.1	1.2	9/21	48	48.1	1.5	43	48.5	2.0	42
Asgrow A2770	63.4	2.2	9/22	50	50.4	2.0	44	56.7	1.7	44
Beson	61.4	1.3	9/18	43	48.0	2.5	44			
FFR 223	60.1	3.8	9/20	48						
FFR 2189	61.0	2.8	9/27	38						
FS HiSOY 225	70.8	1.2	9/28	49						
FS HiSOY 295	65.3	2.1	9/22	44	47.2	2.0	43			
Ferry-Morse Gold Tag 1250	59.6	1.2	9/24	46	51.1	1.7	44			
Ferry-Morse Gold Tag 1270	66.7	1.6	9/21	44						
Ferry-Morse McKoy 1100	67.6	1.1	9/24	45						
Gutwein 220	63.7	1.4	9/19	48	47.4	1.3	44	52.3	1.8	48
Harcor	59.7	2.1	9/25	47						
Hoblit 2-4	67.2	3.0	9/20	47						
Hoblit 2-5	60.7	2.8	9/24	47	45.8	1.7	43			
Kruger DeSoy 707A	59.4	2.6	9/25	49	50.9	1.2	44	62.2	1.7	46
Kruger DeSoy 737	66.3	1.3	9/19	46	49.2	1.3	40			
Kruger K-464A	60.8	1.2	9/24	45	49.8	1.7	40			
Kruger K-2010	64.5	1.4	9/20	44						
Landers Exp. 77-6102	62.8	1.1	9/15	44						
Landers Exp. 77-6303	60.3	2.3	9/16	47						
Landers Exp. 77-6503	66.6	1.6	9/21	47						
Lewis 21	64.3	1.6	9/16	43						
McCurdy 101+	69.4	1.2	9/28	46	48.3	1.9	43			
McCurdy 103	64.2	1.4	9/21	45	49.9	1.7	42	57.4	2.0	40
Mora-Soy 88	60.1	1.3	9/18	45	42.8	1.3	40			
N.A.P.B. Agripro 18	60.0	1.9	9/20	46						
N.A.P.B. Agripro 20	61.8	3.0	9/20	43						
Peterson 3100	63.5	1.1	9/23	48	51.3	1.3	43	60.3	1.8	38
Peterson 3105	61.6	2.0	9/19	43						
Peterson P2477	63.4	1.3	9/23	50	47.2	1.9	45	58.2	3.0	43
Peterson P2877	67.0	1.2	9/19	46						
Pfizer 2ER-75	62.8	2.3	9/23	46						
Pfizer 2L-76	64.9	2.2	9/18	48	48.7	1.5	43	55.6	2.7	45
Pfizer CX215	60.7	1.5	9/23	43	39.5	1.8	43			
Pfizer CX276	65.8	2.0	9/25	48	46.2	1.5	44	56.4	2.7	45
Pfizer CX285	64.3	1.5	9/21	47						
Pfizer CX290	62.9	1.4	9/25	46						
Pfizer E94-7	62.8	1.1	9/22	48	47.4	1.5	44	52.4	2.5	42
Schultz Navahoe	67.2	1.2	9/21	44						
Schultz Shawnee	60.2	1.0	9/16	44						
Seedkem SKB250	68.2	2.3	9/24	43	50.7	2.0	43			
Seedmakers 5-C	60.8	1.2	9/21	47						
Seedmakers 6-C	57.3	3.2	9/21	42	45.2	3.3	44	51.7	3.0	39
SRF 72-3176	56.2	1.3	9/18	51	45.7	1.3	44			
Stewart Supersoy 450	65.9	3.1	9/25	50						
Stewart Supersoy 460	59.8	3.4	9/22	46						
Stewart Supersoy 470	65.5	2.0	9/24	47						
V.R. Classic 1	64.8	1.2	9/27	46						
Voris-Soy 295	72.0	1.4	9/25	45	47.3	1.9	40			
Wells	64.0	2.3	9/27	50	47.8	1.9	45			
Grand Mean (Groups I and II)	61.0	1.1	9/17	44						
L.S.D. 10 (Groups I and II)	63.4	1.8		46	43.3	1.8	47	53.8	2.5	43
L.S.D. 30 (Groups I and II)	6.6			3.2						
C.V. (Groups I and II)	4.2			2.0						
	8.9			6.1						
MATURITY GROUP III										
Americana A265	60.8	1.8	9/25	47	49.9	2.5	44			
Americana XK311	57.9	1.7	9/30	47						
Americana XK585	61.7	2.0	9/26	47	44.0	1.9	43	56.7	3.0	48
Andersons APS300	59.7	1.3	9/28	50	46.2	2.7	44			
Asgrow A3440	66.3	1.2	9/29	51	45.4	1.9	45	54.9	1.3	47
Asgrow A3585	59.0	1.1	9/30	46	48.3	1.3	45			
Bellatti B-1-Exp.	56.9	2.7	10/8	54						

# Urbana Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results				1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Height (in.)	Yield (bu.)	Height (in.)
Bellatti L-26-Exp. ....	51.8	2.3	10/4	49							
Bellatti L263 .....	52.5	1.8	10/4	52							
Bellatti Seedmaker 1-E .....	57.2	4.0	9/28	52	46.8	3.5	47	51.9			
FFR 336 .....	56.8	2.0	9/26	41							
FS HISOY 340 .....	71.9	1.1	9/30	48	47.3	1.3	43				
Ferry-Morse Gold Tag 1310 .....	63.6	2.2	9/29	47							
Ferry-Morse Gold Tag 1330 .....	63.1	1.9	9/29	59							
Funk G-3340 .....	67.4	1.3	9/27	43							
Gutwein 330 .....	57.0	2.5	9/30	53							
Gutwein 360 .....	60.5	1.7	10/1	47							
Kruger DeSoy 808E .....	61.5	1.9	9/27	47							
Kruger DeSoy 850 .....	70.8	1.6	9/28	47							
Kruger K-3015 .....	64.5	1.7	9/27	47							
Landers 3510R .....	59.2	1.3	9/29	50							
Landers Exp. 77-6712 .....	62.0	2.2	10/4	51							
Lewis 31 .....	63.4	2.3	9/26	57	46.3	2.2	51				
Lewis 32 .....	70.6	2.0	9/28	51							
McAllister Masco-422 .....	63.1	1.7	9/29	49							
McAllister Masco-1976 .....	51.3	1.7	9/26	46							
McAllister Masco-4444 .....	64.6	1.6	9/30	47							
McAllister Masco-SD77 .....	56.3	1.4	9/29	32							
McCurdy 108 .....	56.8	1.8	9/27	45	40.6	2.1	41				
McCurdy 109+ .....	60.9	2.5	10/1	49	42.1	2.4	45				
Mora-Soy 98R .....	57.9	1.8	9/28	45							
N.A.P.B. Agripro 25 .....	62.1	1.2	9/24	49	48.4	1.9	42	56.6	1.4	46	
Northrup-King 101644 .....	58.6	3.7	10/4	49							
Northrup-King MV72 .....	58.6	1.9	9/29	46	45.2	2.0	41				
Northrup-King MV80 .....	68.1	1.7	9/28	44	40.1	1.2	42	55.9	2.5	42	
Peterson 2120-T .....	60.3	1.2	9/30	46	43.2	2.0	47	59.9	4.0	43	
Pride PK305 .....	54.6	3.3	9/23	49							
Riverside 74-123 .....	62.5	1.3	9/25	51							
Seedkem SKB310 .....	55.6	2.2	9/27	45							
Seedkem SKB400 .....	66.4	2.8	9/30	48							
Seedmakers 5-E .....	55.2	2.5	9/26	48							
Seedmakers 7-E .....	50.3	1.7	10/7	54							
Seedmakers 37091K .....	65.9	1.2	9/25	53							
SRF 72-3299 .....	63.9	3.2	9/29	47							
V.R. Allen .....	58.0	1.9	9/27	52							
V.R. Boss .....	53.6	2.0	9/26	45	43.9	2.0	41				
V.R. Classic II .....	61.9	2.0	10/4	54	42.6	2.0	48	55.8	2.0	51	
Voris B300 .....	66.1	1.6	9/27	48							
Voris B350 .....	63.1	1.2	10/1	47	42.1	1.6	46				
Williams .....	57.3	1.2	9/30	48	38.6	2.3	46	59.6	1.7	44	
Woodworth .....	55.6	1.7	9/26	47	42.7	2.1	43	54.6	1.5	46	
MATURITY GROUP IV											
Ag-Seeds B7460 .....	60.3	2.2	10/7	56							
Bellatti D-1-Exp. ....	51.9	3.2	(a)	40							
Bellatti D-2-Exp. ....	51.6	4.2	10/11	43							
FFR 444 .....	59.5	2.0	10/3	50	41.5	2.2	48				
L-21 .....	64.3	2.2	10/4	54							
Landers Exp. 77-6315 .....	60.6	2.7	10/7	50							
Lewis 7B .....	64.5	2.8	10/12	50							
Lewis 41 .....	54.5	3.4	10/4	45	45.3	1.5	47				
Lewis 42 .....	73.8	2.2	9/30	54							
Northrup-King MV91 .....	64.0	1.8	10/5	50							
Pride PK405 .....	62.0	2.3	9/26	46							
Grand Mean (Groups III and IV) ....	60.6	2.0		49	45.0	2.1	43	53.8	2.5		
L.S.D. 10 (Groups III and IV) ....	9.4										
L.S.D. 30 (Groups III and IV) ....	5.9										
C.V. (Groups III and IV) .....	11.4										

(a) Killed by frost.

# Brownstown Soybean Variety Trial Results

Variety and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	(a) Height (in.)
MATURITY GROUP II										
Pfizer 2L-76 .....	48.4	3.9	9/8	45						
Pfizer E94-7 .....	41.3	1.3	9/6	40						
Pfizer CX215 .....	46.0	3.1	9/12	40						
Pfizer CX276 .....	47.1	3.2	9/10	50						
Pfizer CX285 .....	50.8	2.6	9/15	41						
Pfizer CX290 .....	47.0	1.0	9/10	40						
Peterson 3105 .....	49.6	2.7	9/13	44						
Voris-Soy 295 .....	57.0	2.8	9/22	47						
Mean .....	48.4	2.6		43						
L.S.D. 10 .....	5.3									
L.S.D. 30 .....	3.2									
C.V. ....	9.0									
MATURITY GROUP III										
Americana A352 .....	57.1	1.1	9/27	36	36.1	1.0	21			
Asgrow A3440 .....	50.8	1.3	9/28	42	26.7	1.0	28			
Asgrow A3585 .....	48.3	1.3	9/17	35	30.7	1.0	22			
Asgrow XP3127 .....	62.4	1.0	9/22	36						
Asgrow XP3855 .....	60.6	1.2	9/23	37						
Bellatti Seedmaker 1-E .....	51.3	3.3	9/28	45	29.9	1.0	24	37.3	1.0	...
Bergmann-Taylor BTXP33 .....	52.4	1.3	9/17	41						
ELF .....	51.5	1.0	10/2	23						
FFR 336 .....	45.2	2.2	9/26	37						
FS HiSOY 330 .....	49.9	1.3	9/20	40						
FS HiSOY 340 .....	55.6	1.2	9/21	41	36.7	1.0	20			
Funks G-3340 .....	48.1	1.4	9/15	39						
Landers 3510R .....	53.8	1.4	9/28	41						
Landers Exp. 77-6712 .....	51.0	2.1	10/3	45						
McCurdy X500A .....	50.1	2.0	9/21	40	29.0	1.0	23			
N.A.P.B. Agripro 25 .....	47.8	1.3	9/15	41						
N.A.P.B. Agripro 27 .....	52.4	1.4	9/24	35						
N.A.P.B. Agripro 35 .....	50.2	1.4	9/26	43						
N.A.P.B. Agripro 36 .....	49.0	1.4	9/27	39						
Northrup-King 101644 .....	57.4	1.4	9/30	41						
Northrup-King MV80 .....	56.9	1.3	9/26	40	27.6	1.1	24	37.4	1.2	...
Peterson 2120-T .....	54.7	1.3	9/26	40						
Peterson 3125 .....	54.2	1.2	9/28	42	31.1	1.0	26	43.4	1.2	...
Peterson P3377 .....	50.6	1.1	9/15	45						
Pfizer 9L-75 .....	52.7	1.3	9/17	42						
Pfizer CB347 .....	55.2	1.7	9/27	45						
Pfizer CB390 .....	54.2	1.2	9/28	43						
Pfizer CX350 .....	53.2	1.4	9/24	45						
Ring Around RA-31 .....	50.6	2.2	9/27	43						
Schultz Washington IV .....	51.2	1.4	9/28	46						
Seedkem SKB400 .....	56.0	1.5	9/22	44						
V.R. Classic II .....	52.9	2.3	9/29	43						
Voris B350 .....	52.1	1.1	9/30	40	33.3	1.0	29			
Williams .....	56.7	1.1	9/26	39	39.1	1.0	24	39.4	1.1	...
Woodworth .....	54.3	1.1	9/24	39	31.3	1.0	21	37.8	1.1	...
Mean .....	52.8	1.5		40	30.9	1.0	22	41.8	1.4	...
L.S.D. 10 .....	4.8									
L.S.D. 30 .....	3.0									
C.V. ....	7.7									
MATURITY GROUP IV										
Americana XK351 .....	57.0	1.4	9/28	48	30.5	1.0	24			
Americana XK440 .....	57.2	1.2	9/28	42						
Americana XR70 .....	53.1	1.4	9/29	43	32.0	1.0	25	40.9	1.0	...
Asgrow XP4268 .....	60.0	1.2	9/27	37						
Bellatti 04 .....	50.7	1.5	9/26	40	39.5	1.0	27			
Bellatti 09 .....	47.8	2.3	9/31	42	35.1	1.0	26			
Bonus .....	55.8	1.1	9/28	45	40.9	1.0	29			
Custer .....	46.5	2.0	10/7	50						

(a) Data not available.

# Brownstown Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
FFR 444 .....	48.2	1.2	9/23	43	32.9	1.0	28			
Kent .....	56.7	1.3	10/11	42	35.3	1.0	26			
L-21 .....	51.7	1.7	10/1	46						
Landers Exp. 77-6315 .....	55.5	1.2	9/30	38						
Lewis 9B .....	54.1	1.2	9/24	39						
N.A.P.B. EX418 .....	60.3	1.6	10/11	49						
Northrup-King MV91 .....	53.4	1.2	9/29	43						
Pfizer E414 .....	56.3	1.1	9/27	38						
Pomona .....	55.3	1.3	10/3	42	44.8	1.0	25			
Riverside 74-57 .....	59.5	1.1	9/28	46						
Schultz Mitchell .....	59.9	1.3	10/3	44	44.3	1.0	29			
Seedkem SKB435 .....	53.0	1.4	9/26	42						
SRF 70-10546 .....	52.3	1.1	9/17	32						
V.R. Delta .....	54.8	1.4	10/3	50						
V.R. Raft .....	51.4	1.3	9/29	38						
Voris Soy 405 .....	54.7	1.3	9/22	45	40.8	1.0	30	48.1	1.0	...
Voris Soy 465 .....	56.3	1.2	9/29	45	37.5	1.0	28			
Mean .....	54.6	1.4		42	38.1	1.0	28	41.8	1.4	...
L.S.D. 10 .....	5.1									
L.S.D. 30 .....	3.2									
C.V. ....	7.8									

(a) Data not available.

## Belleville Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP II										
Pfizer 2L-76 .....	56.7	4.0	9/17	46						
Pfizer CX215 .....	50.9	4.0	9/24	50						
Pfizer CX276 .....	48.7	4.2	9/15	50						
Pfizer CX285 .....	44.9	4.0	9/24	49						
Pfizer CX290 .....	57.2	3.0	9/18	48						
Pfizer E94-7 .....	54.6	3.0	9/17	46						
Mean .....	52.2	3.7		48						
L.S.D. 10 .....	5.3									
L.S.D. 30 .....	3.2									
C.V. ....	6.8									
MATURITY GROUP III										
Asgrow XP3127 .....	55.4	2.0	9/22	42						
Asgrow XP3247 .....	58.7	2.5	9/26	47						
Asgrow XP3855 .....	58.3	4.0	9/27	44						
Bellatti L26-Exp. ....	47.7	3.0	9/28	49						
Bellatti Seedmaker 1-E .....	48.0	4.9	9/24	55						
Bergmann-Taylor BRXP33 .....	51.3	4.1	9/26	47						
ELF .....	57.1	1.5	9/28	24						
FFR 4202 .....	47.6	3.7	10/2	53						
FS HISOY 340 .....	56.4	3.9	9/26	50	42.4	1.0	36			
Funks G-3340 .....	55.9	4.2	9/24	51						
Landers 3510R .....	58.8	4.2	9/27	46						
Landers Exp. 77-6712 .....	51.3	4.0	9/24	51						
N.A.P.B. Agripro 27 .....	55.2	4.2	9/24	47						
N.A.P.B. Agripro 35 .....	52.5	4.0	9/26	49						
N.A.P.B. Agripro 36 .....	53.0	3.0	9/27	46						
Northrup-King 101644 .....	56.8	4.0	9/26	49						
Northrup-King MV80 .....	55.4	3.0	9/26	47	41.8	1.0	34	61.9	1.4	...

# Belleville Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Waterson 1-5 .....	55.2	2.4	9/27	52	48.5	1.1	36	61.1	2.0	52
Waterson 2120-T .....	52.9	3.0	9/25	47						
Peterson 3125 .....	53.8	3.4	9/26	50	47.1	1.0	38	68.0	1.3	51
Pfizer 9L-75 .....	54.8	4.0	9/26	49						
Pfizer CB347 .....	53.6	3.3	9/26	49						
Pfizer CB390 .....	51.7	3.0	9/26	51						
Pfizer CX350 .....	54.6	3.0	9/20	51						
Schultz Washington IV .....	49.1	2.0	9/23	54						
Seedmaker 7-E .....	52.8	2.5	9/28	59						
Williams .....	58.7	3.0	9/25	49	48.1	1.0	35	84.3	1.2	42
Woodworth .....	54.8	3.6	9/24	46	47.2	1.0	36			
Mean .....	54.0	3.3		48	43.6	1.1	35	65.4	2.0	48
L.S.D. 10 .....	4.1									
L.S.D. 30 .....	2.6									
C.V. ....	6.4									
MATURITY GROUP IV										
Asgrow XP4136 .....	60.8	4.1	9/27	51						
Asgrow XP4268 .....	56.8	2.4	9/29	44						
Bonus .....	55.5	3.4	9/29	54	48.8	1.0	36			
FFR 444 .....	47.5	4.5	9/29	49	41.7	1.5	38	63.1	2.4	48
Kent .....	56.7	2.4	10/11	50	47.7	1.3	47	61.6	1.4	46
L-21 .....	57.1	4.1	9/25	57						
Landers Exp. 77-6315 .....	55.7	3.0	10/2	50						
Lewis 9B .....	59.2	2.9	10/1	45						
N.A.P.B. EX418 .....	60.0	4.4	10/11	56	53.3	1.2	40			
Northrup-King MW91 .....	54.0	4.6	9/26	52						
Pfizer E414 .....	56.6	4.3	9/27	48						
Pomona .....	53.1	2.1	10/4	52	51.1	1.2	43			
Riverside 74-57 .....	54.1	4.7	9/30	56						
Schultz Mitchell .....	53.7	4.0	10/4	51	55.1	1.0	36	62.3	1.1	42
Seedmaker 3-G .....	57.0	4.3	9/27	60	34.7	1.0	38	73.9	3.0	51
Seedmaker 4-G .....	59.5	3.8	9/30	61	45.4	1.0	37			
Seedmaker 47093C .....	47.9	2.5	9/23	55						
Seedmaker 47093F .....	47.1	4.4	9/27	56						
SRF 70-10546 .....	51.9	1.0	9/20	38						
Voris-Soy 405 .....	53.5	4.0	9/29	58						
Mean .....	55.0	3.5		52	43.1	1.4	41	65.4	2.0	48
L.S.D. 10 .....	5.1									
L.S.D. 30 .....	3.2									
C.V. ....	7.8									

## Carbondale Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP III										
ELF .....	30.3	1.0	9/26	17						
FFR 4202 .....	44.2	1.1	9/26	44						
Funks G-3340 .....	42.0	1.0	9/26	36						
N.A.P.B. Agripro 35 .....	42.2	1.3	9/26	39						
Peterson 125 .....	44.5	2.0	9/26	44						
Peterson 2120-T .....	46.1	1.0	9/26	37						
Peterson 3125 .....	46.5	1.2	9/26	39	47.0	1.2	44	83.6	2.5	42
Pfizer 9L-75 .....	44.4	1.1	9/26	41						
Pfizer CB347 .....	49.5	1.3	9/26	42						
Pfizer CB390 .....	43.1	1.0	9/26	39						
Pfizer CX350 .....	44.6	1.7	9/26	42						
Schultz Washington IV .....	42.8	1.0	9/26	44						
Williams .....	42.4	1.0	9/26	38	51.3	1.4	38	79.9	2.0	38



### Carbondale Soybean Variety Trial Results (continued)

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Mean .....	43.3	1.2		38	46.5	1.4	38	74.5		
L.S.D. 10 .....	5.4									
L.S.D. 30 .....	3.4									
C.V. ....	10.4									
MATURITY GROUP IV										
Bonus .....	47.6	1.1	9/26	46	47.4	1.1	43	78.0	1.2	42
FFR 444 .....	37.3	1.0	9/26	43	46.1	2.5	40	79.1	3.9	40
Ferry-Morse Gold Tag 1410 .....	48.8	1.3	9/26	40						
Ferry-Morse Gold Tag 1420 .....	46.4	1.4	9/26	43						
Kent .....	45.6	1.5	10/3	45	49.3	1.3	42	76.6	2.0	44
Lewis 7B .....	43.4	1.0	9/26	45						
N.A.P.B. Ex. 418 .....	44.3	2.8	9/27	48	56.0	1.3	40			
Pfizer CB427 .....	38.0	1.2	9/26	44						
Pfizer E414 .....	51.0	1.2	9/26	42						
Pomona .....	48.9	1.3	9/27	43	48.6	1.2	40	70.2	1.1	40
Ring Around RA(c)36 .....	41.3	3.2	10/3	45						
Ring Around RA-41 .....	44.0	3.0	10/3	45	49.3	1.4	42			
Ring Around RA-135(a)-2 .....	43.3	2.6	10/3	48						
Schultz Mitchell .....	45.7	2.7	9/26	44	54.8	2.0	46	82.0	1.3	44
Seedkem SKB435 .....	43.8	2.7	9/26	43						
Seedkem SKB460 .....	47.4	4.0	9/26	44						
SRF 70-10546 .....	43.2	1.0	9/26	34						
SRF X73-89 .....	46.0	1.3	10/3	47						
Mean .....	44.8	1.8		44	48.1	1.7	42	74.5	2.2	39
L.S.D. 10 .....	5.4									
L.S.D. 30 .....	3.4									
C.V. ....	10.2									
MATURITY GROUP V										
Essex .....	49.1	1.3	10/24	36	56.1	1.1	46	73.6	1.2	36
FFR 556 .....	29.0	2.0	10/24	38	51.1	1.3	49			
Forrest .....	37.5	2.0	10/11	44	52.6	1.4	42	64.0	3.0	40
Mean .....	38.5	1.8		46	49.2	1.2	42	74.5	2.2	39
L.S.D. 10 .....	4.2									
L.S.D. 30 .....	2.4									
C.V. ....	7.9									

### Dixon Springs Soybean Variety Trial Results

Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
MATURITY GROUP III										
Bellatti L26 Exp. ....	27.4	4.7	9/27	45						
Bellatti L263 .....	31.4	4.0	9/27	48						
Bellatti Seedmaker 1-E .....	31.7(a)	4.7	9/27	51	45.5	3.5	38	58.3	4.7	40
ELF .....	40.1	1.0	9/27	22						
FFR 4202 .....	33.8(a)	2.8	10/4	50						
Funks G-3340 .....	34.9	4.0	9/27	44						
N.A.P.B. Agripro 35 .....	34.6(a)	4.8	9/27	44						
Pfizer 9L-75 .....	34.5(a)	4.0	9/27	44						
Pfizer CB347 .....	36.2(a)	3.5	9/20	47						
Pfizer CB390 .....	37.6(a)	3.8	9/27	47						
Pfizer CX350 .....	33.1(a)	3.6	9/20	48						
Ring Around RA(c)36 .....	32.2(a)	4.6	10/11	47						
Schultz Washington IV .....	37.3	2.7	9/27	55						
Williams .....	39.3(a)	4.9	9/20	44	48.4	1.1	38	59.7	4.0	44
Woodworth .....	32.8	4.7	9/20	43	46.6	1.0	33	56.5	3.5	44

(a) Substantial shattering before harvest.

# Dixon Springs Soybean Variety Trial Results (continued)

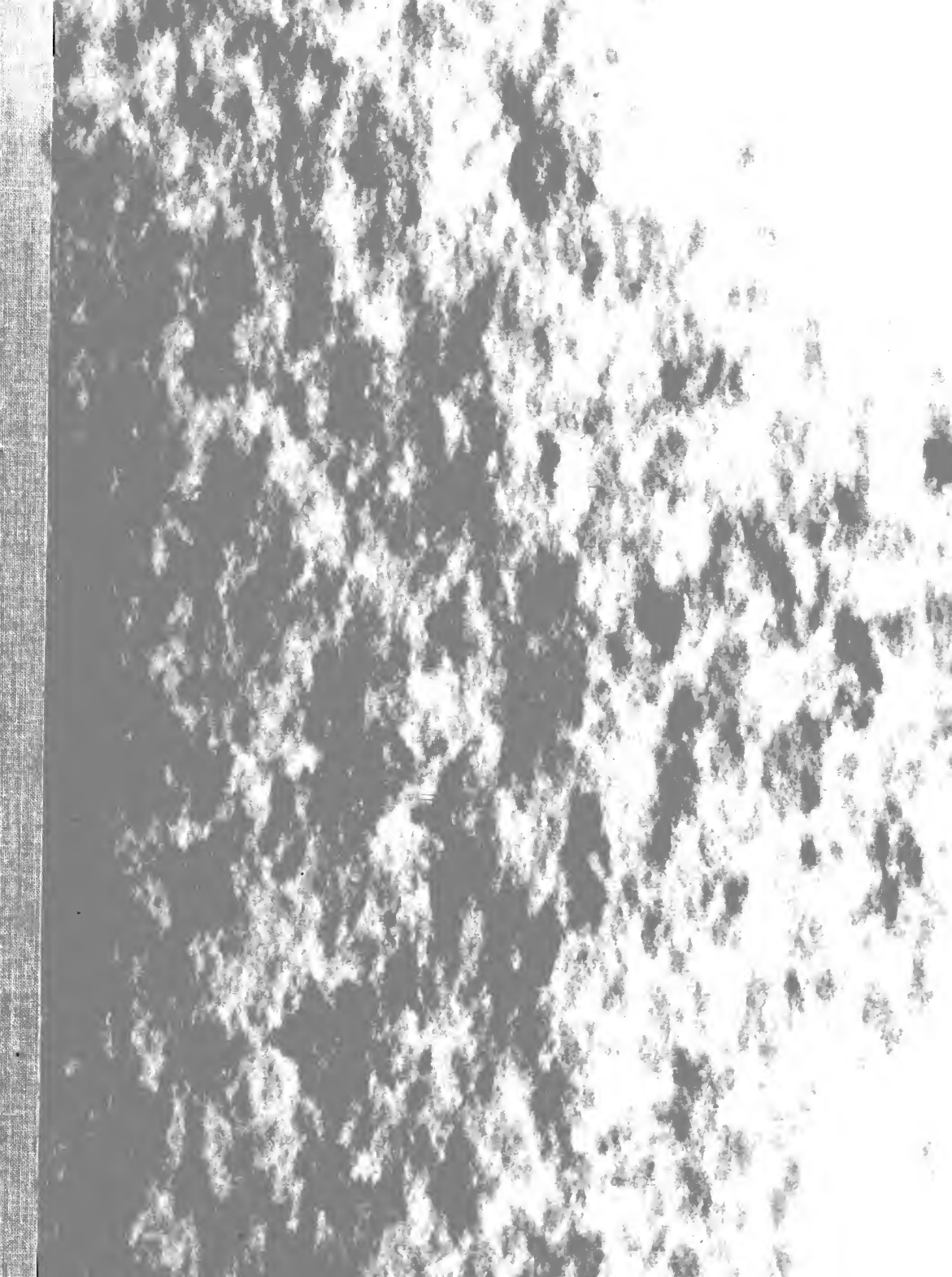
Brand and entry	1977 results				1976 results			1975 results		
	Yield (bu.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Mean .....	34.5	3.8		45	48.0	1.7	39	60.4	3.6	38
L.S.D. 10 .....	5.4									
L.S.D. 30 .....	3.4									
C.V. ....	13.1									
MATURITY GROUP IV										
Bellatti 04 Exp. ....	32.8	1.2	9/20	45						
Bellatti D1 Exp. ....	37.4	4.1	9/27	40						
Bellatti D2 Exp. ....	35.8	3.6	9/27	45						
Bonus .....	30.3	4.0	9/27	47						
Columbus .....	39.1	4.7	10/11	46	59.2	2.7	43	64.3	4.0	41
Custer .....	31.4	3.0	10/4	53						
FFR 444 .....	29.4(a)	4.9	9/27	49	57.0	2.1	40			
Kent .....	38.3	2.7	10/4	47						
L-21 .....	37.6	3.0	9/20	47						
Lewis 7B .....	36.5(a)	4.9	9/27	50						
N.A.P.B. Ex. 418 .....	34.6(a)	4.3	10/4	43	65.0	2.9	44			
Pfizer CB427 .....	37.2(a)	4.9	9/27	49						
Pfizer E414 .....	37.6(a)	4.0	9/20	47						
Pomona .....	38.0(a)	3.0	10/4	47	65.7	1.1	41			
Ring Around RA-135(a)-2 .....	37.5	3.1	10/4	55						
Schultz Mitchell .....	35.8(a)	4.6	9/27	49	65.4	1.4	43	60.5	2.5	36
SRF 70-10546 .....	41.8(a)	1.4	9/20	32						
SRF X73-89 .....	34.3(a)	4.8	10/4	50						
Mean .....	35.9	3.7		47	57.4	2.6	42.6	60.4	3.6	38
L.S.D. 10 .....	.									
L.S.D. 30 .....	.									
C.V. ....	15.0									
MATURITY GROUP V										
Essex .....	30.2	5.0	10/18	41	63.2	1.3	33	71.0	4.0	34
FFR 556 .....	26.8	4.5	10/18	49	52.5	1.4	56	65.7	4.0	60
Forrest .....	26.2	4.8	10/18	46						
Mean .....	27.7	4.8		45	59.1	1.7	40	60.4	3.6	38
L.S.D. 10 .....	..									
L.S.D. 30 .....	..									
C.V. ....	19.3									

(a) Substantial shattering before harvest.

This circular was prepared by G. L. Ross, Associate Agronomist, Paul Raymer, Research Assistant, and D. W. Graffis, Professor of Forage Crops Extension. Data processing was done by the Statistical Laboratory, Department of Agronomy.







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